

U.S. Department of Commerce, Patent and Trademark Office	Atty Docket No.	Serial No.
	M-5628 US	09/560,109
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant(s)
(Use several sheets if necessary)		Raghavan, Sreen; Sallaway, Peter J.
Filing Date 4/28/00		Group 2631
April 28, 2000		2734-2631

U.S. Patent Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
elt	AA	4,456,893	6/26/1984	Otani	333	18	
elt	AB	4,701,936	10/20/1987	Clark et al.	375	14	
elt	AC	4,888,560	12/19/1989	Ogura	330	254	
elt	AD	4,974,185	11/27/1990	Ohno et al.	364	724.13	
elt	AE	5,031,194	7/9/1991	Crespo et al.	375	14	
elt	AF	5,119,196	6/2/1992	Ayanoglu et al.	358	167	
elt	AG	5,245,291	9/14/1993	Fujimura	324	617	
elt	AH	5,291,499	3/1/1994	Behrens et al.	371	43	
elt	AI	5,465,272	11/7/1995	Smith	375	295	
elt	AJ	5,481,564	1/2/1996	Kakuishi et al.	375	230	
elt	AK	5,502,735	3/26/1996	Cooper	371	43	

Foreign Patent Documents							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
elt	AL	2-215236	8/28/1990	Japan	7	005		X
elt	AM	0410399 A2	1/30/1991	Europe	H04N	5/44	X	
elt	AN	6-334692	12/2/1994	Japan	H04L	25/08	X	
elt	AO	08172366A	7/2/1996	Japan	H03M	13/12	X	
elt	AP	8-116275	5/7/1996	Japan	H03M	13/12	X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
elt	AQ	Lee, E.A. et al., "Digital Communications" (1988), pp. 34-42.
elt	AR	Lee, E.A. et al., "Digital Communications" (1988), pp. 319-345.
elt	AS	Sklar, B., "Digital Communications, Fundamentals and Applications" (1988), pp. 333-337.

Examiner	KHAI TRAN	Date Considered	4/3/03
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.			

BEST AVAILABLE COPY

U.S. Department of Commerce, Patent and Trademark Office	Atty Docket No.	Serial No.
	M-5628 US	09/560,109
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant(s)
		Raghavan, Sreen; Sallaway, Peter J
		Filing Date
		April 28, 2000

U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
llt	AA	5,602,507	2/11/1997	Suzuki	329	304	
llt	AB	5,617,450	3/1/1997	Kakuishi et al.	375	230	
llt	AC	5,638,065	6/10/1997	Hassner et al.	341	59	
llt	AD	5,654,667	8/5/1997	Adachi	329	306	
llt	AE	5,809,079	9/15/1998	Hayashi	375	262	
llt	AF	5,818,378	10/6/1998	Cheng et al.	341	155	
llt	AG	5,841,478	11/24/1998	Hu et al.	348	426	
llt	AH	5,841,484	11/24/1998	Hulyalkar et al.	348	607	
llt	AI	5,859,861	1/12/1999	Oh	371	43.7	
llt	AJ	5,872,668	2/16/1999	Muto	360	65	
llt	AK	5,895,479	4/20/1999	Suganuma	708	301	

Foreign Patent Documents

							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
llt	AL	DE19626076	1/2/1997	Germany	H03M	13/12		X
llt	AM	WO97/11544	3/27/1997	PCT	H04L	25/03	X	
llt	AN	9-148944	6/6/1997	Japan	H03M	13/12	X	
llt	AO	9-153845	6/10/1997	Japan	H04B	3/04	X	
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

llt	AQ	Oppenheim, A.V. et al., "Discrete-Time Signal Processing" (1989), pp. 149-191.
llt	AR	ANSI, Fibre Distributed Data Interface-Part: Token Ring Twisted Pair Physical Layer Medium Dependent (March 1995), pp. 1-81.
llt	AS	IEEE, Standard 802.3u (1995), pp. 1-393.

Examiner KHAI TRAN Date Considered 4/3/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

BEST AVAILABLE COPY

U.S. Department of Commerce, Patent and Trademark Office					Atty Docket No.		Serial No.																																																																																					
					M-5628 US		09/560,109																																																																																					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Applicant(s)																																																																																							
(Use several sheets if necessary)					Raghavan, Sreen; Sallaway, Peter																																																																																							
					Filing Date		Group																																																																																					
					April 28, 2000		2734																																																																																					
<div style="text-align: center;">U.S. Patent Documents</div> <table border="1"> <thead> <tr> <th>*Examiner Initial</th> <th>Document Number</th> <th>Date</th> <th>Name</th> <th>Class</th> <th>Subclass</th> <th>Filing Date If Appropriate</th> </tr> </thead> <tbody> <tr> <td>llt</td> <td>AA</td> <td>5,909,384</td> <td>6/1/1999</td> <td>Tal et al.</td> <td>364</td> <td>724.19</td> </tr> <tr> <td>llt</td> <td>AB</td> <td>5,940,442</td> <td>8/17/1999</td> <td>Wong et al.</td> <td>375</td> <td>232</td> </tr> <tr> <td>llt</td> <td>AC</td> <td>5,949,819</td> <td>9/7/1999</td> <td>Bjarnason et al.</td> <td>375</td> <td>222</td> </tr> <tr> <td>llt</td> <td>AD</td> <td>5,960,011</td> <td>9/28/1999</td> <td>Oh</td> <td>371</td> <td>46</td> </tr> <tr> <td>llt</td> <td>AE</td> <td>5,982,818</td> <td>11/9/1999</td> <td>Krueger et al.</td> <td>375</td> <td>265</td> </tr> <tr> <td>llt</td> <td>AF</td> <td>5,986,831</td> <td>11/16/1999</td> <td>Muto</td> <td>360</td> <td>46</td> </tr> <tr> <td>llt</td> <td>AG</td> <td>6,035,007</td> <td>3/7/2000</td> <td>Khayrallah et al.</td> <td>375</td> <td>341</td> </tr> <tr> <td>llt</td> <td>AH</td> <td>6,038,269</td> <td>3/14/2000</td> <td>Raghavan</td> <td>375</td> <td>340</td> </tr> <tr> <td>llt</td> <td>AI</td> <td>6,047,022</td> <td>4/4/2000</td> <td>Reuven</td> <td>375</td> <td>222</td> </tr> <tr> <td>llt</td> <td>AJ</td> <td>6,115,418</td> <td>9/5/2000</td> <td>Raghavan</td> <td>375</td> <td>233</td> </tr> <tr> <td>llt</td> <td>AK</td> <td>6,148,046</td> <td>11/14/2000</td> <td>Hussein et al.</td> <td>375</td> <td>345</td> </tr> </tbody> </table>									*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	llt	AA	5,909,384	6/1/1999	Tal et al.	364	724.19	llt	AB	5,940,442	8/17/1999	Wong et al.	375	232	llt	AC	5,949,819	9/7/1999	Bjarnason et al.	375	222	llt	AD	5,960,011	9/28/1999	Oh	371	46	llt	AE	5,982,818	11/9/1999	Krueger et al.	375	265	llt	AF	5,986,831	11/16/1999	Muto	360	46	llt	AG	6,035,007	3/7/2000	Khayrallah et al.	375	341	llt	AH	6,038,269	3/14/2000	Raghavan	375	340	llt	AI	6,047,022	4/4/2000	Reuven	375	222	llt	AJ	6,115,418	9/5/2000	Raghavan	375	233	llt	AK	6,148,046	11/14/2000	Hussein et al.	375	345
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate																																																																																						
llt	AA	5,909,384	6/1/1999	Tal et al.	364	724.19																																																																																						
llt	AB	5,940,442	8/17/1999	Wong et al.	375	232																																																																																						
llt	AC	5,949,819	9/7/1999	Bjarnason et al.	375	222																																																																																						
llt	AD	5,960,011	9/28/1999	Oh	371	46																																																																																						
llt	AE	5,982,818	11/9/1999	Krueger et al.	375	265																																																																																						
llt	AF	5,986,831	11/16/1999	Muto	360	46																																																																																						
llt	AG	6,035,007	3/7/2000	Khayrallah et al.	375	341																																																																																						
llt	AH	6,038,269	3/14/2000	Raghavan	375	340																																																																																						
llt	AI	6,047,022	4/4/2000	Reuven	375	222																																																																																						
llt	AJ	6,115,418	9/5/2000	Raghavan	375	233																																																																																						
llt	AK	6,148,046	11/14/2000	Hussein et al.	375	345																																																																																						
Foreign Patent Documents																																																																																												
							Translation																																																																																					
		Document	Date	Country	Class	Subclass	Yes	No																																																																																				
	AL																																																																																											
	AM																																																																																											
	AN																																																																																											
	AO																																																																																											
	AP																																																																																											
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)																																																																																												
llt	AQ	IEEE, Draft P802.3ab/D1.1 (1997), pp. 1-125.																																																																																										
	AR																																																																																											
	AS																																																																																											
Examiner		KHAI TRAN																																																																																										
		Date Considered		4/3/03																																																																																								
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.</p>																																																																																												

RECEIVED
JAN 16 2002
2734
Technology Center 2600

BEST AVAILABLE COPY